

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	9	(fire adj (detector sensor monitor)) and (beam same scatter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/17 11:29
S3	7	S2 and (optical infrared)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/17 11:30
S4	12	(7365648 6856252 6882272 6828913 6515589 6602470).pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/17 11:44
S5	9	(fire adj (detector sensor monitor)) and (beam same scatter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/18 11:24
S6	8	S5 and (optical infrared light radiation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/18 11:25
S7	156	(fire adj (detector sensor monitor)) and beam near3 (light radiation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/22 11:43
S9	0	("2008/0211681").URPN.	USPAT	OR	OFF	2008/10/22 11:50
S10	13	(fire adj (detector sensor monitor)) and scatter near3 (light radiation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/22 11:51

S11	146	((fire smoke) adj (detector sensor monitor)) and scatter near3 (light radiation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/22 12:01
S12	670	((fire smoke) adj (detector sensor monitor)) and beam near3 (light radiation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/22 12:02
S13	13	S11 and (recess flush)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/22 12:04
S14	670	((fire smoke) adj (detector sensor monitor)) and beam near3 (light radiation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/22 14:43
S15	67	S14 and (recess flush)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/22 14:43
S17	146	((fire smoke) adj (detector sensor monitor)) and scatter near3 (light radiation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/22 15:00
S18	13	S17 and (recess flush)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/22 15:00
S19	10	S18 and (cross intersect overlap)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/22 15:00

S20	670	((fire smoke) adj (detector sensor monitor)) and beam near3 (light radiation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/22 16:27
S21	67	S20 and (recess flush)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/22 16:27
S22	42	S21 and (cross intersect overlap)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/22 16:27
S23	100	"5225810" "5451931" "4543815" "5420440" "4175865" "5008559" "4321595" "4524281" "4555634" "5493119" "6479833" "6100537" "4397557" "4412451" "5206698" "6239710" "6323949" "4288790" "5497144" "4245910" "4999512" "5381130" "5523744" "4348074" "5986755" "6362303" "7239387" "7298479" "20040066512" "20070229824" "4553943" "4269510" "4755674" "4945341" "5257007" "5641936" "6061141" "6229449" "20050172959" "6184981" "4249158" "4259658" "4451146" "4525315" "4847481" "5949376" "4386612" "4613938" "4805627" "5243983" ).pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/22 16:45
S24	835	(340/630).CCLS	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2008/10/22 16:59

S25	0	S24 and "no labyrinth"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/22 16:59
S26	835	(340/630).CCLS	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2008/10/22 18:08
S28	8	(5420567 4594581  4125779).pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/23 11:48
S29	12	(4616928 4906978  5139302 6300876  20070215766  20050143717).pn,did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/23 15:09
S30	12	(4642471 5576697  4769550 2002153499  2002060632).pn,did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/24 11:57
S31	2	JP-2000187786-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/24 13:04
S32	1	((fire smoke) adj (detector sensor monitor)) and beam near3 (light readiation) and (third adj (light radiation) adj (source emitter transmitter)) and (third adj (light radiation) adj (sink receiver))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/27 10:49
S33	4	((fire smoke) adj (detector sensor monitor)) and beam near3 (light readiation) and (second adj (light radiation) adj (source emitter transmitter)) and (second adj (light radiation) adj (sink receiver))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/27 14:23

S34	0	((fire smoke) adj (detector sensor monitor)) and beam near3 (light readiation) and (calculate near5 quotient) and (correction factor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/27 15:17
S35	836	(340/630). CCLS	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2008/11/13 16:35
S36	6	S35 and (correct with (ag \$3 temperature))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/13 16:36
S37	0	S35 and threshold and (correct with aging)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/13 18:02
S38	41	S35 and threshold and aging	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/13 18:02
S39	836	(340/630). CCLS	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2008/11/17 11:58
S40	0	S39 and (soiled dirty) near3 "cover plate"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/17 11:58
S42	3	(DE-19912911-\$ DE- 10046992-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/17 14:24
S43	7	(4870394 4011458).pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/17 16:48

S44	1	10/586084.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/20 16:45
S45	19	((fire smoke) adj (detector sensor monitor)) and (scattered near4 light) and ((size and color) with smoke)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/23 16:50
S46	31	((fire smoke) adj (detector sensor monitor)) and scatter\$3 near3 (light radiation beam) and (multiple plural\$3) near3 (source emitter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/05 17:36
S47	16	S46 and ("180" opposite)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/05 17:39
S48	875	(340/630).CCLS	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2011/01/28 21:00
S49	564	(340/577).CCLS	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2011/01/28 21:00
S50	1230	(250/574).CCLS	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2011/01/28 21:00
S51	743	(S48 S50) and (cross intersect overlap)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/01/28 21:04
S52	1	S51 and (fire adj (detector sensor monitor)) and (beam same scatter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/01/28 21:04
S53	14	(fire adj (detector sensor monitor)) and (beam same scatter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/01/28 21:04

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S54	1	(340/630).CQLS	UPAD	OR	OFF	2011/01/28 21:01
S55	2	(340/577).CQLS	UPAD	OR	OFF	2011/01/28 21:01
S56	0	(250/574).CQLS	UPAD	OR	OFF	2011/01/28 21:01

**1/28/2011 9:07:09 PM****C:\Documents and Settings\bthompson\My Documents\EAST\Workspaces\10586208 Fire detector w radiation.wsp**